

NHDOT SPR2 PROGRAM

RESEARCH PROGRESS REPORT

Project # 15260E/26962T		Report Period Year 2019 <input type="checkbox"/> Q1 (Jan-Mar) <input type="checkbox"/> Q2 (Apr-Jun) <input type="checkbox"/> Q3 (Jul-Sep) <input checked="" type="checkbox"/> Q4 (Oct-Dec)	
Project Title: Stain Resistant airport Paint Implementation – Implementation Phase			
Project Investigator: John Gorham, Jacobs Engineering Group Phone: 603-518-1773 E-mail: john.gorham@jacobs.com			
Project Start Date: 12-21-2016	Project End Date: 3/31/2020	Project schedule status: <input checked="" type="checkbox"/> On schedule <input type="checkbox"/> Ahead of schedule <input type="checkbox"/> Behind schedule	

Brief Project Description:

This phase was to install alternative pavement paint specifications at Laconia Municipal Airport. The follow-on phase will evaluate the effectiveness, durability, and visibility of the paint over a 2-year period.

Progress this Quarter (include meetings, installations, equipment purchases, significant progress, etc.):

Paint observations were conducted on 26 September 2019 this quarter. The second TAG meeting was conducted on 17 December 2019.

Items needed from NHDOT (i.e., Concurrence, Sub-contract, Assignments, Samples, Testing, etc...):

Thickness calculations from scoring of paint samples. This was conducted in the lab after the 17 December 19 meeting. Paint chemistry testing (opacity, viscosity) – samples provided to NHDOT Chemical Lab on 19 December 19.

Anticipated research next 3 months:

Develop project deliverables.

Circumstances affecting project: Describe any challenges encountered or anticipated that might affect the completion of the project within the time, scope, and budget, along with recommended solutions to those problems. Original paint samples areas are significantly worn. Many locations the paint is removed. This is could be effecting the reflectometer readings. Alternate sample locations added to outboard paint stripe that is less worn. Additionally, the December 2018 observations were only able to collect partial data (reflectometer readings and partial pictures) due to the poor weather and low light for photographs. Will discuss after September 2019 observations how we should proceed.

Tasks (from Work Plan)	Planned % Complete	Actual % Complete
Article A - Coordination	100	100
Article B - Observations	100	100
Article C – Report, Poster, Airport Handout	0	0
Article D – Project Administration	85	85
Contractor Expenses for paint installation	100	100